

ABSTRACT OF THE DISCLOSURE

Processes are disclosed for the production of linear and branched procyanidin oligomers having “n” procyanidin monomeric units where n is 2 to 18. The processes include coupling protected, activated monomers with an unprotected monomer to produce a partially protected (4→8) dimer. The dimer is optionally blocked, coupled with an activated protected monomer to produce a partially protected, optionally blocked trimer, and deprotected. The steps can be repeated to produce higher oligomers. Processes are also provided for producing (8→8), (8→6), and (6→6) dimers and doubly branched oligomers. Crystalline 8-bromo tetra-*O*-benzyl (-)-epicatechin is produced under certain conditions.